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Sequence Listing was accepted.

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Reviewer: markspencer

Timestamp: [year=2009; month=4; day=30; hr=16; min=6; sec=22; ms=992; ]

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Application No: 10512004 Version No: 2.0

Input Set:

Output Set:

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Finished: 2009-04-23 13:03:05.935  
Elapsed: 0 hr(s) 0 min(s) 0 sec(s) 990 ms  
Total Warnings: 14  
Total Errors: 0  
No. of SeqIDs Defined: 19  
Actual SeqID Count: 19

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# SEQUENCE LISTING

<110> Hellenic Pasteur Institute  
 Association Francaise Contre Les Myopathies  
 Tzartos, Socrates  
 Mamalaki, Avgi

<120> Production of recombinant fragments of muscle acetylcholine  
 receptor and their use for ex vivo immunoadsorption of anti-Ch  
 receptor antibodies from myasthenic patients

<130> P023389US

<140> 10512004

<141> 2009-04-23

<150> GR 20020100190

<151> 2002-04-17

<160> 19

<170> PatentIn version 3.5

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<212> PRT

<213> Pichia pastoris

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Val	Thr	Val	Gly	Leu	Gln	Leu	Ile	Gln	Leu	Ile	Asn	Val	Asp	Glu	Val
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Asn	Gln	Ile	Val	Thr	Thr	Asn	Val	Arg	Leu	Lys	Gln	Gln	Trp	Val	Asp
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Tyr	Asn	Leu	Lys	Trp	Asn	Pro	Asp	Asp	Tyr	Gly	Gly	Val	Lys	Lys	Ile
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His Ile Pro Ser Glu Lys Ile Trp Arg Pro Asp Leu Val Leu Tyr Asn

85

90

95

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Gln Tyr Thr Gly His Ile Thr Trp Thr Pro Pro Ala Ile Phe Lys Ser  
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Tyr Cys Glu Ile Ile Val Thr His Phe Pro Phe Asp Glu Gln Asn Cys  
 130 135 140

Ser Met Lys Leu Gly Thr Trp Thr Tyr Asp Gly Ser Val Val Ala Ile  
 145 150 155 160

Asn Pro Glu Ser Asp Gln Pro Asp Leu Ser Asn Phe Met Glu Ser Gly  
 165 170 175

Glu Trp Val Ile Lys Glu Ser Arg Gly Trp Lys His Ser Val Thr Tyr  
 180 185 190

Ser Cys Cys Pro Asp Thr Pro Tyr Leu Asp Ile Thr Tyr His Phe Val  
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35 40 45

Leu Lys Leu Thr Leu Thr Asn Leu Ile Ser Leu Asn Glu Arg Glu Glu  
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Ala Leu Thr Thr Asn Val Trp Ile Glu Met Gln Trp Cys Asp Tyr Arg  
65 70 75 80

Leu Arg Trp Asp Pro Arg Asp Tyr Glu Gly Leu Trp Val Leu Arg Val  
85 90 95

Pro Ser Thr Met Val Trp Arg Pro Asp Ile Val Leu Glu Asn Asn Val  
100 105 110

Asp Gly Val Phe Glu Val Ala Leu Tyr Cys Asn Val Leu Val Ser Pro  
115 120 125

Asp Gly Cys Ile Tyr Trp Leu Pro Pro Ala Ile Phe Arg Ser Ala Cys  
130 135 140

Ser Ile Ser Val Thr Tyr Phe Pro Phe Asp Trp Gln Asn Cys Ser Leu  
145 150 155 160

Ile Phe Gln Ser Gln Thr Tyr Ser Thr Asn Glu Ile Asp Leu Gln Leu  
165 170 175

Ser Gln Glu Asp Gly Gln Thr Ile Glu Trp Ile Phe Ile Asp Pro Glu  
180 185 190

Ala Phe Thr Glu Asn Gly Glu Trp Ala Ile Gln His Arg Pro Ala Lys  
195 200 205

Met Leu Leu Asp Pro Ala Ala Pro Ala Gln Glu Ala Gly His Gln Lys  
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35 40 45

Leu Lys Val Thr Leu Thr Asn Leu Ile Ser Leu Asn Glu Lys Glu Glu  
50 55 60

Thr Leu Thr Thr Ser Val Trp Ile Gly Ile Asp Trp Gln Asp Tyr Arg  
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Leu Asn Tyr Ser Lys Asp Asp Phe Gly Gly Ile Glu Thr Leu Arg Val  
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Pro Ser Glu Leu Val Trp Leu Pro Glu Ile Val Leu Glu Asn Asn Ile  
100 105 110

Asp Gly Gln Phe Gly Val Ala Tyr Asp Ala Asn Val Leu Val Tyr Glu  
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Gly Gly Ser Val Thr Trp Leu Pro Pro Ala Ile Tyr Arg Ser Val Cys  
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Ala Val Glu Val Thr Tyr Phe Pro Phe Asp Trp Gln Asn Cys Ser Leu  
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Ile Phe Arg Ser Gln Thr Tyr Asn Ala Glu Glu Val Glu Phe Thr Phe  
165 170 175

Ala Val Asp Asn Asp Gly Lys Thr Ile Asn Lys Ile Asp Ile Asp Thr  
180 185 190

Glu Ala Tyr Thr Glu Asn Gly Glu Trp Ala Ile Asp Phe Cys Pro Gly  
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35 40 45

Val Ala Leu Ala Leu Thr Leu Ser Asn Leu Ile Ser Leu Lys Glu Val

50

55

60

Glu Glu Thr Leu Thr Thr Asn Val Trp Ile Glu His Gly Trp Thr Asp  
65 70 75 80

Asn Arg Leu Lys Trp Asn Ala Glu Glu Phe Gly Asn Ile Ser Val Leu  
85 90 95

Arg Leu Pro Pro Asp Met Val Trp Leu Pro Glu Ile Val Leu Glu Asn  
100 105 110

Asn Asn Asp Gly Ser Phe Gln Ile Ser Tyr Ser Cys Asn Val Leu Val  
115 120 125

Tyr His Tyr Gly Phe Val Tyr Trp Leu Pro Pro Ala Ile Phe Arg Ser  
130 135 140

Ser Cys Pro Ile Ser Val Thr Tyr Phe Pro Phe Asp Trp Gln Asn Cys  
145 150 155 160

Ser Leu Lys Phe Ser Ser Leu Lys Tyr Thr Ala Lys Glu Ile Thr Leu  
165 170 175

Ser Leu Lys Gln Asp Ala Lys Glu Asn Arg Thr Tyr Pro Val Glu Trp  
180 185 190

Ile Ile Ile Asp Pro Glu Gly Phe Thr Glu Asn Gly Glu Trp Glu Ile  
195 200 205

Val His Arg Pro Ala Arg Val Asn Val Asp Pro Arg Ala Pro Leu Asp  
210 215 220

Ser Pro Ser Arg Gln Asp Ile Thr Phe Tyr Leu Ile Ile Arg Arg Lys  
225 230 235 240

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35 40 45

Val Gly Leu Ile Leu Ala Gln Leu Ile Ser Leu Asn Glu Lys Asp Glu  
50 55 60

Glu Met Ser Thr Lys Val Tyr Leu Asp Leu Glu Trp Thr Asp Tyr Arg  
65 70 75 80

Leu Ser Trp Asp Pro Ala Glu His Asp Gly Ile Asp Ser Leu Arg Ile  
85 90 95

Thr Ala Glu Ser Val Trp Leu Pro Asp Val Val Leu Leu Asn Asn Asn  
100 105 110

Asp Gly Asn Phe Asp Val Ala Leu Asp Ile Ser Val Val Val Ser Ser  
115 120 125

Asp Gly Ser Val Arg Trp Gln Pro Pro Gly Ile Tyr Arg Ser Ser Cys  
130 135 140

Ser Ile Gln Val Thr Tyr Phe Pro Phe Asp Trp Gln Asn Cys Thr Met  
145 150 155 160

Val Phe Ser Ser Tyr Ser Tyr Asp Ser Ser Glu Val Ser Leu Gln Thr  
165 170 175

Gly Leu Gly Pro Asp Gly Gln Gly His Gln Glu Ile His Ile His Glu  
180 185 190

Gly Thr Phe Ile Glu Asn Gly Gln Trp Glu Asn Ile His Lys Pro Ser  
195 200 205

Arg Leu Ile Gln Pro Pro Gly Asp Pro Arg Gly Gly Arg Glu Gly Gln  
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